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(54) Title: HCV VACCINES

(57) Abstract: Disclosed is a Hepatitis C virus (HCV) vaccine comprising at least two epitopes, each from a different hotspot epitope, wherein a hotspot epitope is defined as an epitope containing peptide selected from the group consisting of KFPGGGQIVG-GVYLLPRRGPRLGVRATRK, GYKVLVLNPSVAAT, AYAAQGYKVLVLNPSVAAT, DLMGYIP(A/L)VGAPL, GEVQVVS-TATQSFLATCINGVCWTV, HMWNFISGIQYLAGLSTLPGNPA, VDYPYRLWHYPCT(V/I)N(F/Y)TIFK(V/I)RMYVG-GVEHRL, AAWYELTPAETTVRLR, GQGWRLLAPITAYSQQTRGLLCIV, IGLGKVLVDILAGYGAGVAGALVAFK, FTDNSSPPAVPQTFQV, LEDRDRSELSPLLLSTTEW, YLVAYQATVCARAQAPPSWD, MSTNPKPQRKTKRNTNR, LINTNGSWHINRTALNCNDSL, TTILGIGTVLDQAET, FDS(S/V)VLCECYDAG(A/C)AWYE, ARLIVFPDLGVRVCEK-MALY, AFCSAMYVGDLGGSV, GVLFGLAYFSMVGW, VVCCSMSYTWGTALITPC, TRVPYFVRAQGLIRA and TTLLFNILGGWVAAQ.



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